

CHEMICAL PROPERTIES OF THE SOILS  
St Landry Parish, Louisiana: Detailed Soil Map Legend

Map symbol and soil name	Depth	Clay	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbonate	Gypsum	Salinity	Sodium adsorption ratio
	In	Pct	meq/100g	meq/100g	pH	Pct	Pct	mmhos/cm	
Ac:									
ACADIA-----	0-9	14-27	---	8.0-15	4.5-6.0	---	---	---	---
	9-14	20-39	---	10-23	4.5-5.5	---	---	---	---
	14-44	40-55	---	15-25	4.5-6.0	---	---	---	---
	44-60	30-55	20-28	---	4.5-7.8	---	---	---	---
Bd:									
BALDWIN-----	0-6	27-39	10-25	---	4.5-6.5	---	---	---	---
	6-28	40-55	15-40	---	5.6-8.4	---	---	---	---
	28-60	27-55	15-40	---	6.1-8.4	0-5	---	---	---
Bh:									
BALDWIN-----	0-6	27-39	10-25	---	4.5-6.5	---	---	---	---
	6-24	40-55	15-40	---	5.6-8.4	---	---	---	---
	24-74	27-55	15-40	---	6.1-8.4	0-5	---	---	---
SHARKEY-----	0-6	40-60	20-40	---	5.1-8.4	---	---	---	---
	6-44	60-90	20-40	---	5.6-8.4	0-5	---	---	---
	44-60	25-90	5.0-40	---	6.6-8.4	0-5	---	---	---
BL:									
BASILE-----	0-20	10-27	7.0-20	---	4.5-7.3	---	---	---	---
	20-48	28-35	12-22	---	5.6-8.4	---	---	---	---
	48-60	14-35	10-25	---	6.1-8.4	---	---	---	---
WRIGHTSVILLE----	0-14	10-25	5.0-15	5.0-15	3.6-5.5	---	---	---	---
	14-46	35-55	15-45	15-45	3.6-6.0	---	---	---	---
	46-60	20-45	15-45	---	3.6-8.4	---	---	---	---
Cc:									
CALHOUN-----	0-18	10-27	---	4.0-15	3.6-6.0	---	---	---	---
	18-46	22-35	---	5.0-25	3.6-5.5	---	---	---	---
	46-60	10-30	5.0-25	---	3.6-7.8	---	---	---	---
Cd:									
COMMERCE-----	0-8	14-27	5.0-15	---	5.6-8.4	---	---	---	---
	8-35	14-39	10-30	---	6.1-8.4	---	---	---	---
	35-60	14-39	10-40	---	6.6-8.4	---	---	---	---
CE:									
COMMERCE-----	0-5	27-39	10-25	---	5.6-8.4	---	---	---	---
	5-25	14-39	10-30	---	6.1-8.4	---	---	---	---
	25-60	14-39	10-40	---	6.6-8.4	---	---	---	---
CONVENT-----	0-18	0-18	8.0-20	---	5.6-8.4	---	---	---	---
	18-60	0-18	5.0-22	---	5.6-8.4	0-5	---	---	---
Cf:									
CONVENT-----	0-6	0-18	8.0-20	---	5.6-8.4	---	---	---	---
	6-60	0-18	5.0-22	---	5.6-8.4	0-5	---	---	---
Ch:									
CONVENT-----	0-7	0-18	8.0-20	---	5.6-8.4	---	---	---	---
	7-60	0-18	5.0-22	---	5.6-8.4	0-5	---	---	---
Ck:									
CONVENT-----	0-5	0-18	8.0-20	---	5.6-8.4	---	---	---	---
	5-60	0-18	5.0-22	---	5.6-8.4	0-5	---	---	---
COMMERCE-----	0-6	14-27	5.0-15	---	5.6-8.4	---	---	---	---
	6-30	14-39	10-30	---	6.1-8.4	---	---	---	---
	30-60	14-39	10-40	---	6.6-8.4	---	---	---	---
Co:									
COTEAU-----	0-6	5-18	4.0-15	---	4.5-6.5	---	---	---	---
	6-45	18-32	10-25	---	4.5-6.5	---	---	---	---
	45-72	8-27	4.0-20	---	5.1-7.3	---	---	---	---
Cp:									
COTEAU-----	0-5	5-18	4.0-15	---	4.5-6.5	---	---	---	---
	5-34	18-32	10-25	---	4.5-6.5	---	---	---	---
	34-60	8-27	4.0-20	---	5.1-7.3	---	---	---	---

CHEMICAL PROPERTIES OF THE SOILS--Continued  
St Landry Parish, Louisiana: Detailed Soil Map Legend

Map symbol and soil name	Depth	Clay	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbonate	Gypsum	Salinity	Sodium adsorption ratio
	In	Pct	meq/100g	meq/100g	pH	Pct	Pct	mmhos/cm	
Cw:									
CROWLEY-----	0-20	10-27	4.0-10	---	4.5-8.4	---	---	---	---
	20-31	35-50	12-24	---	4.5-8.4	---	---	---	---
	31-60	27-55	12-26	---	4.5-8.4	---	---	---	---
De:									
DUNDEE-----	0-6	10-30	---	---	4.5-6.0	---	---	---	---
	6-29	18-34	---	---	4.5-6.0	---	---	---	---
	29-60	18-25	---	---	4.5-7.3	---	---	---	---
Df:									
DUNDEE-----	0-6	10-30	---	---	4.5-6.0	---	---	---	---
	6-48	18-34	---	---	4.5-6.0	---	---	---	---
	48-60	18-25	---	---	4.5-7.3	---	---	---	---
Dr:									
DUNDEE-----	0-6	10-30	---	---	4.5-6.0	---	---	---	---
	6-37	18-34	---	---	4.5-6.0	---	---	---	---
	37-68	18-25	---	---	4.5-7.3	---	---	---	---
ALLIGATOR-----	0-6	40-60	---	---	4.5-5.5	---	---	---	---
	6-49	50-85	---	---	4.5-5.5	---	---	---	---
	49-70	35-85	---	---	6.1-7.3	---	---	---	---
Ds:									
DUNDEE-----	0-6	10-30	---	---	4.5-6.0	---	---	---	---
	6-42	18-34	---	---	4.5-6.0	---	---	---	---
	42-60	18-25	---	---	4.5-7.3	---	---	---	---
SHARKEY-----	0-4	40-60	20-40	---	5.1-8.4	---	---	---	---
	4-43	60-90	20-40	---	5.6-8.4	0-5	---	---	---
	43-60	25-90	5.0-40	---	6.6-8.4	0-5	---	---	---
FA:									
FALAYA-----	0-53	6-18	---	---	4.5-5.5	---	---	---	---
	53-60	6-32	---	---	4.5-5.5	---	---	---	---
FC:									
FAUSSE-----	0-8	40-95	---	---	5.6-7.3	---	---	---	---
	8-44	60-95	---	---	6.1-8.4	---	---	---	---
	44-60	35-95	---	---	6.6-8.4	---	---	---	---
SHARKEY-----	0-4	40-60	20-40	---	5.1-8.4	---	---	---	---
	4-42	60-90	20-40	---	5.1-8.4	0-5	---	---	---
	42-60	25-90	10-40	---	6.6-8.4	0-5	---	---	---
Fo:									
FROST-----	0-19	8-22	4.0-10	---	4.5-6.5	---	---	---	---
	19-60	18-35	4.0-25	---	4.5-8.4	0-5	---	---	---
Fr:									
FROST-----	0-22	8-22	4.0-10	---	4.5-6.5	---	---	---	---
	22-60	18-35	4.0-25	---	4.5-8.4	0-5	---	---	---
Fz:									
FROZARD-----	0-6	15-27	---	---	5.1-7.3	---	---	---	---
	6-56	18-35	---	---	6.6-9.0	---	---	---	---
	56-66	18-35	---	---	6.6-9.0	---	---	---	---
Ga:									
GALLION-----	0-8	14-27	5.0-15	---	5.6-7.3	---	---	---	---
	8-41	14-35	5.0-25	---	5.6-8.4	---	---	---	---
	41-60	14-35	5.0-30	---	5.6-8.4	0-5	---	---	---
Go:									
GALLION-----	0-6	27-35	5.0-15	---	5.6-7.3	---	---	---	---
	6-42	14-35	5.0-25	---	5.6-8.4	---	---	---	---
	42-60	14-35	5.0-30	---	5.6-8.4	0-5	---	---	---
Gp:									
GALLION-----	0-6	14-27	5.0-15	---	5.6-7.3	---	---	---	---
	6-43	14-35	5.0-25	---	5.6-8.4	---	---	---	---
	43-60	14-35	5.0-30	---	5.6-8.4	0-5	---	---	---

CHEMICAL PROPERTIES OF THE SOILS--Continued  
St Landry Parish, Louisiana: Detailed Soil Map Legend

Map symbol and soil name	Depth	Clay	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbonate	Gypsum	Salinity	Sodium adsorption ratio
	In	Pct	meq/100g	meq/100g	pH	Pct	Pct	mmhos/cm	
PERRY-----	0-6	40-60	20-50	20-50	4.5-6.0	---	---	---	---
	6-23	55-85	20-50	---	5.1-7.3	---	---	---	---
	23-60	55-85	20-50	---	6.1-8.4	---	---	---	---
Ia:									
IBERIA-----	0-12	40-60	15-40	---	5.6-7.8	---	---	---	---
	12-48	45-60	15-40	---	6.6-8.4	0-1	---	---	---
	48-70	30-60	10-40	---	6.6-8.4	0-1	---	---	---
Je:									
JEANERETTE-----	0-6	10-26	5.0-15	---	5.6-7.8	---	---	---	---
	6-54	18-35	5.0-30	---	6.6-8.4	0-2	---	---	---
	54-60	14-35	5.0-30	---	6.6-8.4	0-2	---	---	---
Ju:									
JUDICE-----	0-7	27-50	10-40	---	5.1-7.3	---	---	---	---
	7-60	27-50	20-40	---	5.6-8.4	0-5	0-5	---	---
La:									
LATANIER-----	0-6	40-55	20-40	---	6.6-8.4	---	---	---	---
	6-22	40-55	20-40	---	6.6-8.4	0-5	0-5	---	---
	22-60	10-27	5.0-30	---	6.6-8.4	0-5	0-5	---	---
Lb:									
LEBEAU-----	0-6	40-85	20-40	---	6.1-8.4	---	---	---	---
	6-65	60-90	20-40	---	6.1-8.4	---	---	---	---
Lc:									
LEBEAU-----	0-8	40-85	20-40	---	6.1-8.4	---	---	---	---
	8-65	60-90	20-40	---	6.1-8.4	---	---	---	---
Le:									
LOREAUVILLE-----	0-7	5-27	5.0-15	---	6.1-7.8	0-5	---	---	---
	7-27	18-32	10-25	---	6.6-8.4	1-5	---	---	---
	27-80	8-27	5.0-20	---	7.4-8.4	1-5	---	---	---
Lp:									
LORING-----	0-7	8-18	---	---	4.5-6.0	---	---	---	---
	7-30	18-32	---	---	4.5-6.0	---	---	---	---
	30-60	15-30	---	---	4.5-6.0	---	---	---	---
Lr:									
LORING-----	0-6	8-18	---	---	4.5-6.0	---	---	---	---
	6-25	18-32	---	---	4.5-6.0	---	---	---	---
	25-42	15-30	---	---	4.5-6.0	---	---	---	---
	42-60	10-25	---	---	4.5-6.5	---	---	---	---
Ma:									
MAMOU-----	0-16	10-27	---	---	5.1-6.5	---	---	---	---
	16-34	27-35	---	---	5.1-6.5	---	---	---	---
	34-60	14-35	---	---	5.1-7.8	---	---	---	---
Mc:									
MEMPHIS-----	0-8	8-22	---	---	4.5-6.0	---	---	---	---
	8-35	20-35	---	---	4.5-6.0	---	---	---	---
	35-84	12-25	---	---	4.5-6.0	---	---	---	---
Md:									
MEMPHIS-----	0-6	8-22	---	---	4.5-6.0	---	---	---	---
	6-40	20-35	---	---	4.5-6.0	---	---	---	---
	40-84	12-25	---	---	4.5-6.0	---	---	---	---
Me:									
MEMPHIS-----	0-5	8-22	---	---	4.5-6.0	---	---	---	---
	5-49	20-35	---	---	4.5-6.0	---	---	---	---
	49-84	12-25	---	---	4.5-6.0	---	---	---	---
Mf:									
MEMPHIS-----	0-4	8-22	---	---	4.5-6.0	---	---	---	---
	4-34	20-35	---	---	4.5-6.0	---	---	---	---
	34-80	12-25	---	---	4.5-6.0	---	---	---	---

CHEMICAL PROPERTIES OF THE SOILS--Continued  
St Landry Parish, Louisiana: Detailed Soil Map Legend

Map symbol and soil name	Depth	Clay	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbonate	Gypsum	Salinity	Sodium adsorption ratio
	In	Pct	meq/100g	meq/100g	pH	Pct	Pct	mmhos/cm	
Mt:									
MOWATA-----	0-17	8-24	5.0-14	---	5.1-7.3	---	---	---	---
	17-47	35-50	12-26	---	5.1-8.4	---	---	---	---
	47-70	30-50	16-28	---	6.6-8.4	---	---	---	---
MU:									
MUSKOGEE-----	0-11	10-27	10-20	10-20	4.5-6.0	---	---	---	---
	11-21	20-40	15-30	15-30	4.5-6.0	---	---	---	---
	21-80	40-55	30-55	---	4.5-7.8	---	---	---	---
LORING-----	0-6	8-18	---	---	4.5-6.0	---	---	---	---
	6-24	18-32	---	---	4.5-6.0	---	---	---	---
	24-60	15-30	---	---	4.5-6.0	---	---	---	---
Pa:									
PATOUTVILLE----	0-12	8-15	5.0-15	---	4.5-7.8	---	---	---	---
	12-40	18-35	10-30	---	5.1-7.3	---	---	---	---
	40-70	18-35	10-30	---	6.1-8.4	---	---	---	---
Pb:									
PATOUTVILLE----	0-6	8-15	5.0-15	---	4.5-7.8	---	---	---	---
	6-28	18-35	10-30	---	5.1-7.3	---	---	---	---
	28-60	18-35	10-30	---	6.1-8.4	---	---	---	---
Pc:									
PATOUTVILLE----	0-11	8-15	5.0-15	---	4.5-7.8	---	---	---	---
	11-30	18-35	10-30	---	5.1-7.3	---	---	---	---
	30-60	18-35	10-30	---	6.1-8.4	---	---	---	---
CROWLEY-----	0-16	10-27	4.0-10	---	4.5-8.4	---	---	---	---
	16-26	35-50	12-24	---	4.5-8.4	---	---	---	---
	26-60	27-55	12-26	---	4.5-8.4	---	---	---	---
Pr:									
PERRY-----	0-7	40-80	20-50	20-50	4.5-6.0	---	---	---	---
	7-27	55-85	20-50	---	5.1-7.3	---	---	---	---
	27-60	55-85	20-50	---	6.1-8.4	---	---	---	---
Sh:									
SHARKEY-----	0-6	40-60	20-40	---	5.1-8.4	---	---	---	---
	6-48	60-90	20-40	---	5.6-8.4	0-5	---	---	---
	48-60	25-90	5.0-40	---	6.6-8.4	0-5	---	---	---
So:									
SHARKEY-----	0-6	40-60	20-40	---	5.1-8.4	---	---	---	---
	6-48	60-90	20-40	---	5.1-8.4	0-5	---	---	---
	48-60	25-90	10-40	---	6.6-8.4	0-5	---	---	---
Sp:									
SHARKEY-----	0-7	40-60	20-40	---	5.1-8.4	---	---	---	---
	7-40	60-90	20-40	---	5.1-8.4	0-5	---	---	---
	40-60	25-90	10-40	---	6.6-8.4	0-5	---	---	---
Ts:									
TENSAS-----	0-4	40-60	20-40	20-40	4.5-6.0	---	---	---	---
	4-21	40-60	20-40	20-40	4.5-6.0	---	---	---	---
	21-60	10-39	5.0-25	---	5.1-7.3	---	---	---	---
SHARKEY-----	0-5	40-60	20-40	---	5.1-8.4	---	---	---	---
	5-52	60-90	20-40	---	5.6-8.4	0-5	---	---	---
	52-60	25-90	5.0-40	---	6.6-8.4	0-5	---	---	---
Wv:									
WRIGHTSVILLE----	0-19	10-25	---	5.0-15	3.6-5.5	---	---	---	---
	19-53	35-55	---	15-45	3.6-6.0	---	---	---	---
	53-60	20-45	15-45	---	3.6-8.4	---	---	---	---
VIDRINE-----	0-22	10-27	5.0-25	5.0-25	4.5-6.0	---	---	---	---
	22-45	27-50	20-40	---	4.5-8.4	---	---	---	---
	45-60	20-50	10-40	---	5.1-8.4	---	---	---	---